



# **STIC Search Report**

## **Biotech-Chem Library**

**STIC Database Tracking Number: 163379**

**TO: Nyeemah Grazier**  
**Location: REM/5B29/5C18**  
**Art Unit: 1626**

*Sept. 7*, 2005

**Case Serial Number: 10/680346**

**From: P. Sheppard**  
**Location: Remsen Building**  
**Phone: (571) 272-2529**

**sheppard@uspto.gov**

### **Search Notes**

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ACCESS DB # 163379  
PLEASE PRINT CLEARLY

Scientific and Technical Information Center

SEARCH REQUEST FORM

Requester's Full Name: Nyeemah Grazier Examiner #: 81002 Date: 8/22/05  
Art Unit: 1626 Phone Number: 2-8782 Serial Number: 10/689346  
Location (Bldg/Room#): B29 Room (Mailbox #): 5C18 Results Format Preferred (circle): PAPER DISK  
\*\*\*\*\*

To ensure an efficient and quality search, please attach a copy of the cover sheet, claims, and abstract or fill out the following:

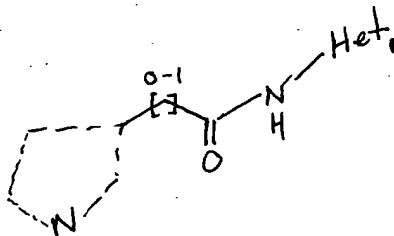
Title of Invention: Pyrrolecarboxamides and pyrrolothioamides  
as fungicides  
Inventors (please provide full names): Hardal Walter, Hermann Schneider

Earliest Priority Date: 10/7/03

Search Topic:

Please provide a detailed statement of the search topic, and describe as specifically as possible the subject matter to be searched. Include the elected species or structures, keywords, synonyms, acronyms, and registry numbers, and combine with the concept or utility of the invention. Define any terms that may have a special meaning. Give examples or relevant citations, authors, etc., if known.

\*For Sequence Searches Only\* Please include all pertinent information (parent, child, divisional, or issued patent numbers) along with the appropriate serial number.



Het<sub>1</sub> = 5 membered ring  
containing 1 sulfur/N/O  
atom and 4 carbons  
substituted at one  
of the carbon w/  
a phenyl ring.

STAFF USE ONLY

Type of Search

Vendors and cost where applicable

Searcher: \_\_\_\_\_

\_\_\_\_ NA Sequence (#)

\_\_\_\_ STN

\_\_\_\_ Dialog

Searcher Phone #: \_\_\_\_\_

\_\_\_\_ AA Sequence (#)

\_\_\_\_ Questel/Orbit

\_\_\_\_ Lexis/Nexis

Searcher Location: \_\_\_\_\_

\_\_\_\_ Structure (#)

\_\_\_\_ Westlaw

\_\_\_\_ WWW/Internet

Date Searcher Picked Up: \_\_\_\_\_

\_\_\_\_ Bibliographic

\_\_\_\_ In-house sequence systems

Date Completed: \_\_\_\_\_

\_\_\_\_ Litigation

\_\_\_\_ Commercial

\_\_\_\_ Oligomer

\_\_\_\_ Score/Length

\_\_\_\_ Interference

\_\_\_\_ SPDI

\_\_\_\_ Encode/Transl

Searcher Prep & Review Time: \_\_\_\_\_

\_\_\_\_ Fulltext

\_\_\_\_ Other (specify)

Online Time: \_\_\_\_\_

\_\_\_\_ Other

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(FILE 'HOME' ENTERED AT 15:48:40 ON 07 SEP 2005)

FILE 'REGISTRY' ENTERED AT 15:49:03 ON 07 SEP 2005

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L4          50 SEA SSS SAM L3
L5          3347 SEA SSS FUL L3
L6          STR
L7          STR
L8          190 SEA SUB=L5 SSS FUL L6 AND L7
L9          STR L6
L10         STR L9
L11         STR L10
L12         19 SEA SUB=L8 SSS FUL L10 OR L11
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FILE 'HCAPLUS' ENTERED AT 15:55:23 ON 07 SEP 2005

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           D STAT QUE
           D IBIB ABS HITSTR L13 1-5
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FILE HOME

FILE REGISTRY

Property values tagged with IC are from the ZIC/VINITI data file provided by InfoChem.

STRUCTURE FILE UPDATES: 6 SEP 2005 HIGHEST RN 862534-94-9

DICTIONARY FILE UPDATES: 6 SEP 2005 HIGHEST RN 862534-94-9

New CAS Information Use Policies, enter HELP USAGETERMS for details.

TSCA INFORMATION NOW CURRENT THROUGH JULY 14, 2005

Please note that search-term pricing does apply when conducting SmartSELECT searches.

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*
* The CA roles and document type information have been removed from *
* the IDE default display format and the ED field has been added, *
* effective March 20, 2005. A new display format, IDERL, is now *
* available and contains the CA role and document type information. *
*
*****
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Structure search iteration limits have been increased. See HELP SLIMITS for details.

Experimental and calculated property data are now available. For more information enter HELP PROP at an arrow prompt in the file or refer to the file summary sheet on the web at:  
<http://www.cas.org/ONLINE/DBSS/registryss.html>

FILE HCAPLUS

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FILE COVERS 1907 - 7 Sep 2005 VOL 143 ISS 11  
FILE LAST UPDATED: 6 Sep 2005 (20050906/ED)

New CAS Information Use Policies, enter HELP USAGETERMS for details.

This file contains CAS Registry Numbers for easy and accurate substance identification.

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FILE 'HCAPLUS' ENTERED AT 15:55:23 ON 07 SEP 2005
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.
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Copyright of the articles to which records in this database refer is held by the publishers listed in the PUBLISHER (PB) field (available for records published or updated in Chemical Abstracts after December 26, 1996), unless otherwise indicated in the original publications. The CA Lexicon is the copyrighted intellectual property of the the American Chemical Society and is provided to assist you in searching databases on STN. Any dissemination, distribution, copying, or storing of this information, without the prior written consent of CAS, is strictly prohibited.

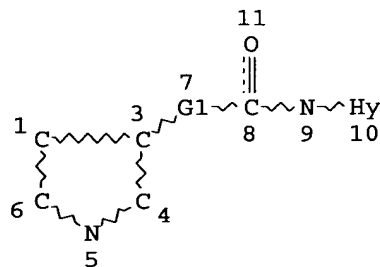
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FILE LAST UPDATED: 6 Sep 2005 (20050906/ED)

New CAS Information Use Policies, enter HELP USAGETERMS for details.

This file contains CAS Registry Numbers for easy and accurate substance identification.

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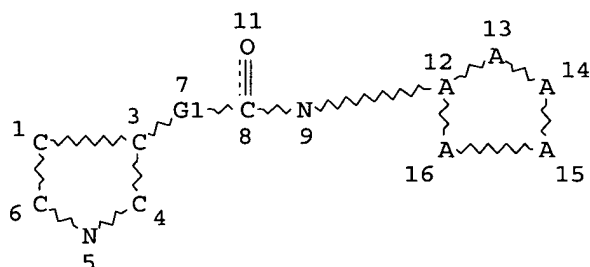
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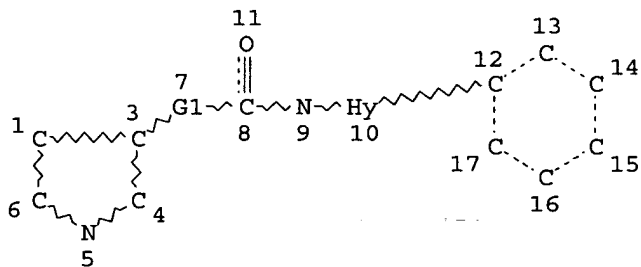
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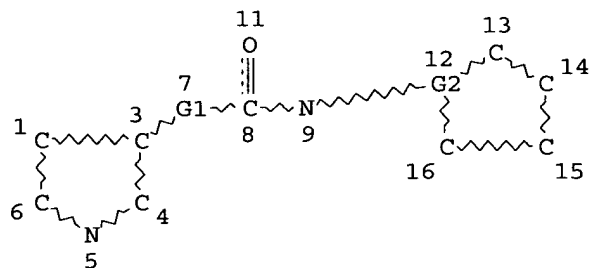


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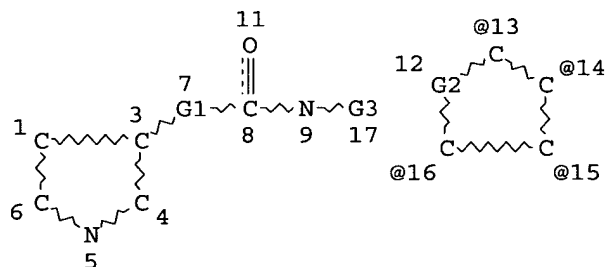
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STEREO ATTRIBUTES: NONE  
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STEREO ATTRIBUTES: NONE

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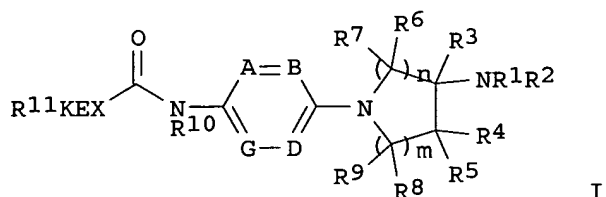
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L13 ANSWER 1 OF 5 HCAPLUS COPYRIGHT 2005 ACS on STN



ACCESSION NUMBER: 2004:696342 HCAPLUS  
 DOCUMENT NUMBER: 141:225302  
 TITLE: Preparation of N-arylheterocycles as melanin  
 concentrating hormone (MCH) antagonists.  
 INVENTOR(S): Schwink, Lothar; Stengelin, Siegfried; Gossel,  
 Matthias; Boehme, Thomas; Hessler, Gerhard; Stahl,  
 Petra; Gretzke, Dirk  
 PATENT ASSIGNEE(S): Aventis Pharma Deutschland GmbH, Germany  
 SOURCE: PCT Int. Appl., 390 pp.  
 CODEN: PIXXD2  
 DOCUMENT TYPE: Patent  
 LANGUAGE: German  
 FAMILY ACC. NUM. COUNT: 1  
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2004072025	A2	20040826	WO 2004-EP1342	20040213
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DE 10306250	A1	20040909	DE 2003-10306250	20030214
US 2004220191	A1	20041104	US 2004-779853	20040217
PRIORITY APPLN. INFO.:			DE 2003-10306250	A 20030214
			US 2003-488545P	P 20030718
OTHER SOURCE(S):			MARPAT 141:225302	
GI				



AB Title compds. [I; R1, R2 = H, alkyl, alkoxyalkyl, aryloxyalkyl,  
 alkylcarbonyl, alkenylcarbonyl, etc.; R1R2N = atoms to form a 4-10  
 membered mono-, bi-, or spirocyclic (substituted) ring; R3 = H, alkyl; R4,  
 R5 = H, alkyl, OH, alkoxy, alkylcarbonyloxy, alkylthio; R6-R9 = H, alkyl;  
 R6R7, R8R9 = O; A, B, D, G = N, CR42; AB, DG = CR42; R42 = H, F, Cl, Br,  
 iodo, CF3, NO2, cyano, OCF3, alkoxy, alkylthio, alkenyl, cycloalkyl,  
 cycloalkoxy, cycloalkenyl, alkynyl, CO2H, etc.; R10 = H, alkyl, alkenyl,  
 alkynyl; X = NR52, O, bond, C:C, C.tplbond.C, etc.; R52 = H, alkyl; E =  
 (substituted) C3-14 carbocyclyl, heterocyclyl; K = bond, O, CH2O, S, SO,

CO, C:C, C.tplbond.C, etc.; R11 = H, alkyl, alkoxyalkyl, alkenyl, alkynyl, 3-10 membered (substituted) mono-, bi-, tri- or spirocyclic ring; EKR11 = (unsatd.) tricyclic ring; m, n = 0-2], were prepared Thus, N-[1-(4-aminophenyl)pyrrolidin-3-yl]piperidine was treated with carbonyldiimidazole and then with 4-(4-chlorophenyl)piperidine to give 4-(4-chlorophenyl)piperidine-1-carboxylic acid [4-[3-(acetylmethylamino)pyrrolidin-1-yl]phenyl]amide. The latter at 30 mg/kg orally in female NMRI mice reduced milk consumption by 64%.

IT 748167-62-6P 748167-67-1P 748167-68-2P

748167-69-3P 748167-70-6P

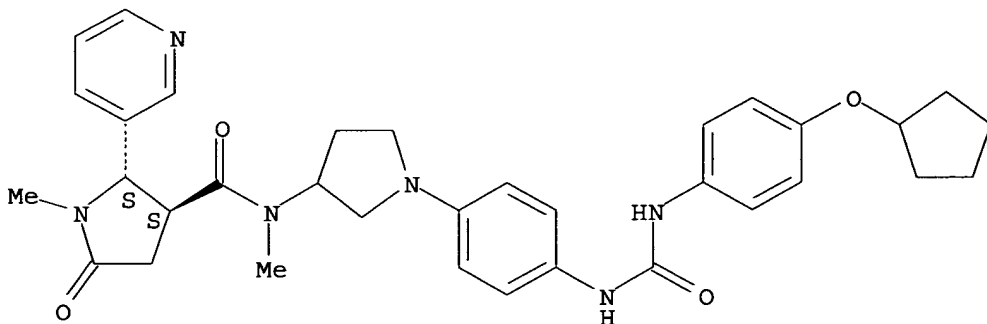
RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

(preparation of N-arylheterocycles as MCH antagonists)

RN 748167-62-6 HCAPLUS

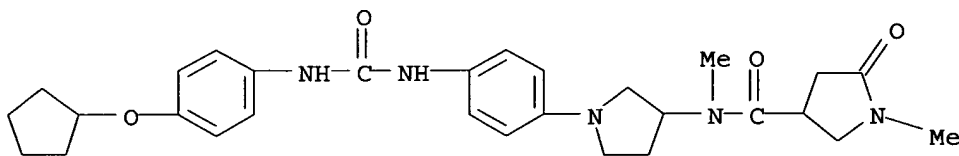
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(2R,3R)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.



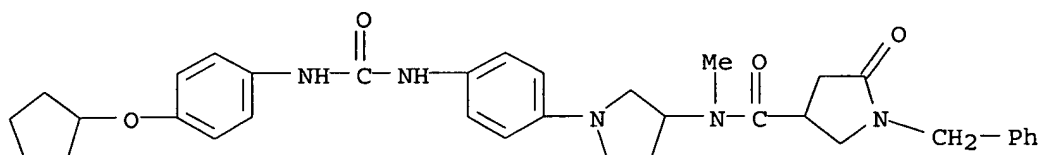
RN 748167-67-1 HCAPLUS

CN 3-Pyrrolidinecarboxamide, N-[1-[4-[[[4-(cyclopentyloxy)phenyl]amino]carbo-  
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NAME)



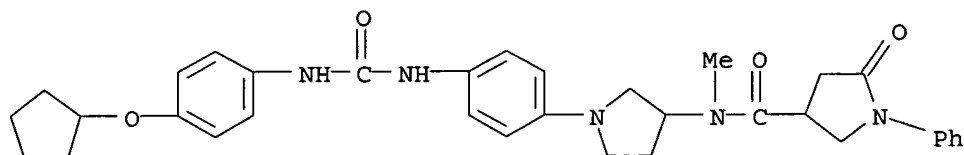
RN 748167-68-2 HCAPLUS

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(CA INDEX NAME)



RN 748167-69-3 HCAPLUS

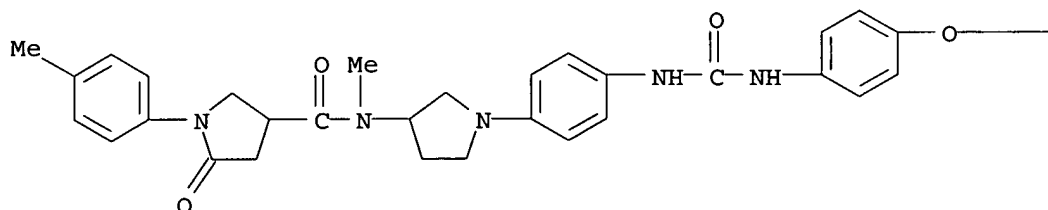
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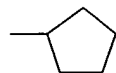
RN 748167-70-6 HCAPLUS

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PAGE 1-A



PAGE 1-B



L13 ANSWER 2 OF 5 HCAPLUS COPYRIGHT 2005 ACS on STN

ACCESSION NUMBER: 2001:545661 HCAPLUS

DOCUMENT NUMBER: 135:137397

TITLE: Preparation of pyrrolecarboxamides and pyrrolethioamides as fungicides

INVENTOR(S): Walter, Harald; Schneider, Hermann

PATENT ASSIGNEE(S): Syngenta Participations A.-G., Switz.

SOURCE: PCT Int. Appl., 111 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

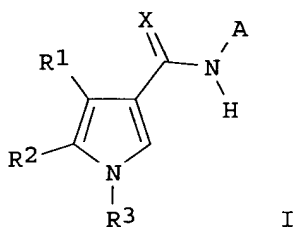
FAMILY ACC. NUM. COUNT: 1

## PATENT INFORMATION:

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RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG			
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BR 2001007738	A	20021022	BR 2001-7738	20010119
EP 1252140	A1	20021030	EP 2001-907468	20010119
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JP 2003520269	T2	20030702	JP 2001-553263	20010119
AU 772635	B2	20040506	AU 2001-35433	20010119
ZA 2002005641	A	20031103	ZA 2002-5641	20020715
US 2004049035	A1	20040311	US 2002-181702	20021008
US 6806286	B2	20041019		
US 2004106521	A1	20040603	US 2003-680346	20031007
PRIORITY APPLN. INFO.:			GB 2000-1447	A 20000121
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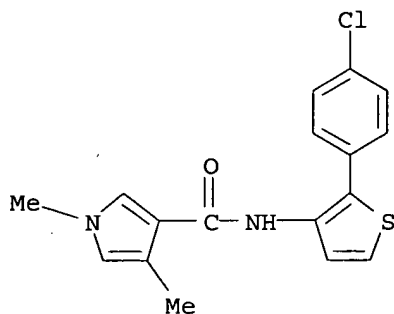
OTHER SOURCE(S): MARPAT 135:137397

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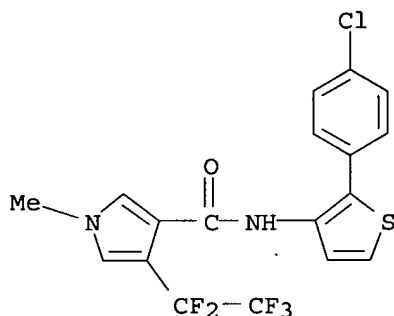


- AB The title compds. [I; X = O, S; R1 = alkyl, cycloalkyl, halo; R2 = H, alkyl, alkoxy, etc.; R3 = alkyl; A = (un)substituted ortho-substituted (hetero)aryl, bicyclo(hetero)aryl] which have plant-protective properties and are suitable for protecting plants against infestations by phytopathogenic microorganisms, were prepared Thus, methylation of Me 4-methylpyrrole-3-carboxylate followed by hydrolysis of the resulting ester, and reaction of 1,4-dimethylpyrrole-3-carboxylic acid with 2-(4'-fluorophenyl)aniline afforded I [X = O; R1, R3 = Me; R2 = H; A = 4'-fluorobiphenyl-2-yl] which showed strong efficacy against Puccinia recondita on wheat (< 20% infestation).
- IT 351416-74-5P 351416-75-6P 351416-76-7P  
 RL: AGR (Agricultural use); BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation); USES (Uses)  
 (preparation of pyrrolecarboxamides and pyrrolothioamides as fungicides)
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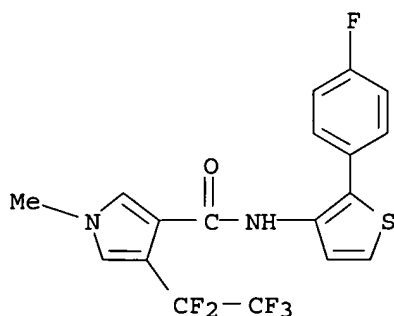
(9CI) (CA INDEX NAME)



RN 351416-75-6 HCAPLUS  
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RN 351416-76-7 HCAPLUS  
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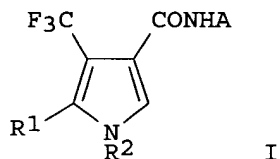


REFERENCE COUNT: 6 THERE ARE 6 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L13 ANSWER 3 OF 5 HCAPLUS COPYRIGHT 2005 ACS on STN  
 ACCESSION NUMBER: 2000:133660 HCAPLUS  
 DOCUMENT NUMBER: 132:166122  
 TITLE: (Trifluoromethyl)pyrrolecarboxamides  
 INVENTOR(S): Eberle, Martin; Walter, Harald

PATENT ASSIGNEE(S): Novartis A.-G., Switz.; Novartis-Erfindungen  
Verwaltungsgesellschaft m.b.H.  
SOURCE: PCT Int. Appl., 35 pp.  
CODEN: PIXXD2  
DOCUMENT TYPE: Patent  
LANGUAGE: English  
FAMILY ACC. NUM. COUNT: 1  
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2000009482	A1	20000224	WO 1999-EP5837	19990810
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RW: GH, GM, KE, LS, MW, SD, SL, SZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
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AU 9955138	A1	20000306	AU 1999-55138	19990810
AU 756140	B2	20030102		
BR 9912962	A	20010508	BR 1999-12962	19990810
EP 1105375	A1	20010613	EP 1999-941573	19990810
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TR 200100478	T2	20010621	TR 2001-200100478	19990810
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US 2002019541	A1	20020214	US 2001-780897	20010209
US 6365620	B2	20020402		
PRIORITY APPLN. INFO.:			GB 1998-17548	A 19980812
			WO 1999-EP5837	W 19990810
OTHER SOURCE(S):			MARPAT 132:166122	
GI				



AB Title compds. I (R1 = H, halo, alkyl, haloalkyl; R2 = alkyl, haloalkyl, alkoxyalkyl, cyano, alkylsulfonyl, arylsulfonyl, etc.; A = substituted Ph, substituted 3-thienyl, substituted 4-indanyl) were prepared as plant protectants. Thus, 1.9 g 1-methyl-4-(trifluoromethyl)pyrrole-3-carboxylic acid, obtained from Et 4,4,4-trifluorocrotonate, tosylmethyl isocyanide, and MeI, and 0.9 mL oxalyl chloride in 20 mL CH<sub>2</sub>Cl<sub>2</sub> was stirred at room temperature in the presence of a catalytic amount of DMF, the solvent was evaporated under reduced pressure to give a crystalline solid, and the solid was added to a solution of 1.7 g of 2-biphenylamine and 4.2 mL Et<sub>3</sub>N in 20 mL CH<sub>2</sub>Cl<sub>2</sub> at 0°, and the reaction mixture was stirred for 2 h at room temperature to

give I (R1 = H, R2 = Me, A = 2-biphenyl). Application of this compound on apples, grapes, and tomatoes resulted in <10% infestation by Botrytis cinerea.

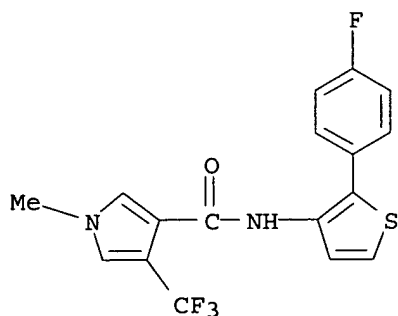
IT 258510-88-2P 258510-89-3P 258510-91-7P

RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation)

((trifluoromethyl)pyrrolecarboxamides as plant protectants)

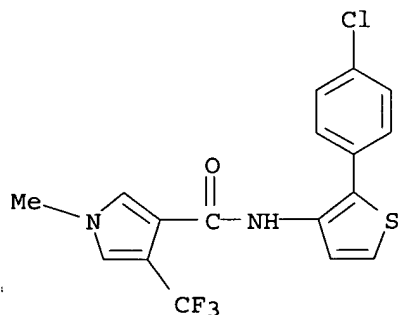
RN 258510-88-2 HCAPLUS

CN 1H-Pyrrole-3-carboxamide, N-[2-(4-fluorophenyl)-3-thienyl]-1-methyl-4-(trifluoromethyl)- (9CI) (CA INDEX NAME)



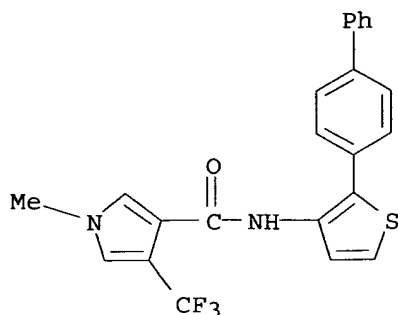
RN 258510-89-3 HCAPLUS

CN 1H-Pyrrole-3-carboxamide, N-[2-(4-chlorophenyl)-3-thienyl]-1-methyl-4-(trifluoromethyl)- (9CI) (CA INDEX NAME)



RN 258510-91-7 HCAPLUS

CN 1H-Pyrrole-3-carboxamide, N-(2-[1,1'-biphenyl]-4-yl-3-thienyl)-1-methyl-4-(trifluoromethyl)- (9CI) (CA INDEX NAME)



REFERENCE COUNT: 4 THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L13 ANSWER 4 OF 5 HCAPLUS COPYRIGHT 2005 ACS on STN

ACCESSION NUMBER: 1992:591677 HCAPLUS

DOCUMENT NUMBER: 117:191677

TITLE: Preparation of pyrrolidinonecarboxylic acids and related compounds as cholecystokinin antagonists  
INVENTOR(S): Becker, Daniel Paul; Flynn, Daniel Lee; Villamil, Clara Ines

PATENT ASSIGNEE(S): G.D. Searle and Co., USA

SOURCE: PCT Int. Appl., 213 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

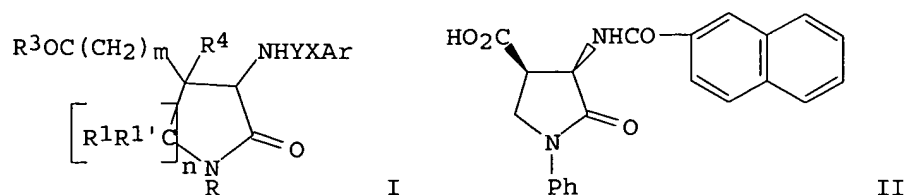
LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9210476	A1	19920625	WO 1991-US8648	19911125
W: AT, AU, BB, BG, BR, CA, CH, CS, DE, DK, ES, FI, GB, HU, JP, KP, KR, LK, LU, MC, MG, MN, MW, NL, NO, PL, RO, SD, SE, SU, US				
RW: AT, BE, BF, BJ, CF, CG, CH, CI, CM, DE, DK, ES, FR, GA, GB, GN, GR, IT, LU, ML, MR, NL, SE, SN, TD, TG				
US 5202344	A	19930413	US 1990-626590	19901211
CA 2097517	AA	19920612	CA 1991-2097517	19911125
AU 9190571	A1	19920708	AU 1991-90571	19911125
EP 561941	A1	19930929	EP 1992-901239	19911125
EP 561941	B1	19950104		
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE				
JP 06503827	T2	19940428	JP 1991-502321	19911125
ES 2067322	T3	19950316	ES 1992-901239	19911125
US 5314886	A	19940524	US 1992-968617	19921029
PRIORITY APPLN. INFO.:			US 1990-626590	A1 19901211
			WO 1991-US8648	A 19911125
OTHER SOURCE(S):		MARPAT 117:191677		
GI				





AB Title compds. I [Ar = (substituted) aryl, (substituted) heterocyclyl (substituted) bicyclic hydrocarblyl, etc.; R = C1-8 alkyl where 1 C atom may be replaced by O, (substituted) aryl, -aralkyl; X = bond, NH, O, C1-3 alkylene; n = 0, 1; R1, R1' = H, C1-4 alkyl; m = 0-3; R3 = OH, OR5; R5 = C1-6 alkyl, NR6R7; R6,R7 = H, C1-6 alkyl, NR8R9; R8,R9 = (substituted) C4-6 alkylene; R4 = H, C1-4 alkyl; Y = CO, SO2] were prepared as cholecystinin (CCK) antagonists useful for treatment of CCK related disorders of the gastrointestinal tract, central nervous system, and appetite regulatory system. Thus, Et 4-amino-5-oxo-1-phenyl-3-pyrrolidinecarboxylate (preparation given) was amidated by 2-naphthoyl chloride and the product formed was hydrolyzed to give title compound II. II had IC50 of 0.015  $\mu$ M against 125I-CCK-OP binding to rat pancreatic membranes.

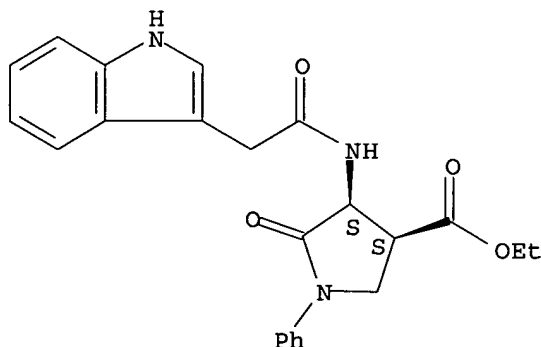
IT 144023-49-4P 144023-94-9P

RL: SPN (Synthetic preparation); PREP (Preparation)  
(preparation of, as cholecystinin antagonist)

RN 144023-49-4 HCAPLUS

CN 3-Pyrrolidinecarboxylic acid, 4-[(1H-indol-3-ylacetyl)amino]-5-oxo-1-phenyl-, ethyl ester, cis- (9CI) (CA INDEX NAME)

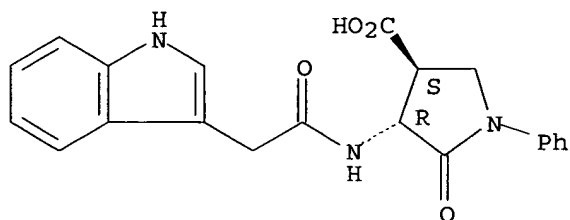
Relative stereochemistry.



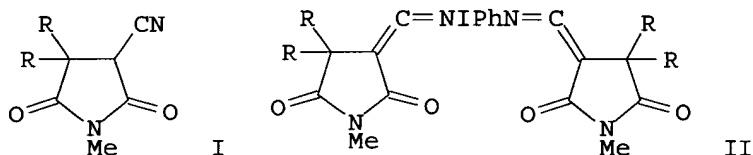
RN 144023-94-9 HCAPLUS

CN 3-Pyrrolidinecarboxylic acid, 4-[(1H-indol-3-ylacetyl)amino]-5-oxo-1-phenyl-, trans- (9CI) (CA INDEX NAME)

Relative stereochemistry.

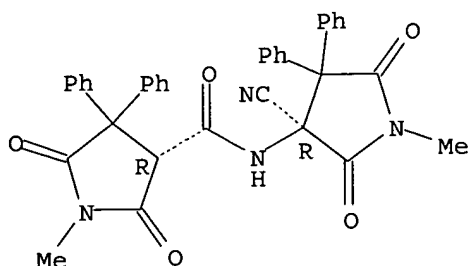


L13 ANSWER 5 OF 5 HCAPLUS COPYRIGHT 2005 ACS on STN  
 ACCESSION NUMBER: 1978:135903 HCAPLUS  
 DOCUMENT NUMBER: 88:135903  
 TITLE: Oxidation of 3-cyano-2,5-pyrrolidinediones by  
 iodosobenzene diacetate; evidence for  
 keteniminyliodonium intermediates  
 AUTHOR(S): Morel, Georges; Marchand, Evelyne; Seveno, Anne;  
 Foucaud, Andre  
 CORPORATE SOURCE: Groupe Rech. Chim. Struct., Univ. Rennes, Rennes, Fr.  
 SOURCE: Tetrahedron Letters (1977), (38), 3353-6  
 CODEN: TELEAY; ISSN: 0040-4039  
 DOCUMENT TYPE: Journal  
 LANGUAGE: French  
 GI



AB The formation of keteniminyliodonium complexes in the oxidation of the  
 cyanopyrrolidinediones I (R = Ph; R2 = 2-C6H4C6H4-2) with PhI(OAc)2 was  
 determined by a study of the stereochem. of their reactions with ROH (R = Me,  
 Et, Me2CH, Me3C). Complexes of the type II are proposed.  
 IT 65855-28-9P 65855-29-0P  
 RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT  
 (Reactant or reagent)  
 (preparation and dehydration of)  
 RN 65855-28-9 HCAPLUS  
 CN 3-Pyrrolidinecarboxamide, N-(3-cyano-1-methyl-2,5-dioxo-4,4-diphenyl-3-  
 pyrrolidinyl)-1-methyl-2,5-dioxo-4,4-diphenyl-, (R\*,R\*)- (9CI) (CA INDEX  
 NAME)

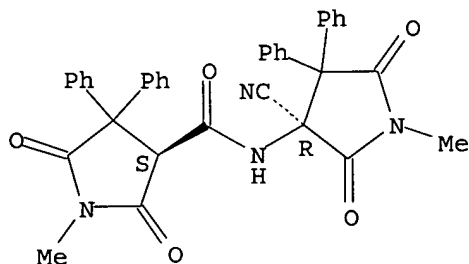
Relative stereochemistry.



RN 65855-29-0 HCAPLUS

CN 3-Pyrrolidinecarboxamide, N-(3-cyano-1-methyl-2,5-dioxo-4,4-diphenyl-3-pyrrolidinyl)-1-methyl-2,5-dioxo-4,4-diphenyl-, (R\*,S\*)- (9CI) (CA INDEX NAME)

Relative stereochemistry.

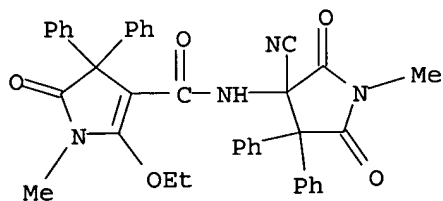


IT 65855-27-8P

RL: SPN (Synthetic preparation); PREP (Preparation)  
(preparation of)

RN 65855-27-8 HCAPLUS

CN 1H-Pyrrole-3-carboxamide, N-(3-cyano-1-methyl-2,5-dioxo-4,4-diphenyl-3-pyrrolidinyl)-2-ethoxy-4,5-dihydro-1-methyl-5-oxo-4,4-diphenyl- (9CI) (CA INDEX NAME)



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